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=> s medical and (device or article)
L1 568363 MEDICAL AND (DEVICE OR ARTICLE)

=> s 11 and (coat? or spray? or dip?)
L2 86337 L1 AND (COAT? OR SPRAY? OR DIP?)

=> S 12 AND POLYMER?
L3 49640 L2 AND POLYMER?

=> s 13 and (chlorhexidine salt) and (water soluble)
L4 16 L3 AND (CHLORHEXIDINE SALT) AND (WATER SOLUBLE)

=> s 14 and (chlorhexidine free base)
L5 2 I4 AND (CHLORHEXIDINE FREE BASE)

==> d 15 1=2 jbib abs

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2004052831 | A1 | 20040318 |
| APPLICATION INFO.: | US 2003-600257 | A1 | 20030620 (10) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. WO 2001-US49205, filed on 21 Dec 2001, PENDING Continuation of Ser. No. US 2000-746670, filed on 22 Dec 2000, PENDING | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | BAKER & BOTTS, 30 ROCKEFELLER PLAZA, NEW YORK, NY, 10112 | | |
| NUMBER OF CLAIMS: | 64 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 1057 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides for antimicrobial **medical** articles prepared by a method comprising treating a surface of the **medical article** with a solution consisting essentially of one or more solvents and a mixture of **chlorhexidine free base** and a **water-soluble chlorhexidine salt**, at a weight/weight ratio of between about 1:1 to about 1:5, wherein the combined concentration of **chlorhexidine free base** and a **water-soluble** salt of chlorhexidine is about 2% (w/v) or greater. In alternative embodiments, the antimicrobial **medical** articles may be treated with a similar solution in which the concentrations of **chlorhexidine free base** and a **water-soluble** salt of chlorhexidine are each about 0.20 percent (w/v). Other embodiments include those in which the solvent comprises methanol, or the treatment solution further comprises a silver salt, one or more organic acids, an anti-inflammatory agent, and a hydrogel.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 2 USPATFULL on STN
 ACCESSION NUMBER: 2002:227725 USPATFULL
 TITLE: Antimicrobial **medical** devices
 INVENTOR(S): Modak, Shanta M., River Edge, NJ, UNITED STATES
 Sampath, Lester A., Nyack, NY, UNITED STATES

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 2002122876 | A1 | 20020905 |
| APPLICATION INFO.: | US 2000-746670 | A1 | 20001222 (9) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | BAKER & BOTTS, 30 ROCKEFELLER PLAZA, NEW YORK, NY, 10112 | | |
| NUMBER OF CLAIMS: | 22 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 694 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present disclosure invention relates to **medical** devices treated with a solution comprising one or more solvents and a combination of **chlorhexidine free base** and a **water-soluble chlorhexidine salt** in a weight/weight ratio of between about 1:1 to about 1:5, preferably about 1:1.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.